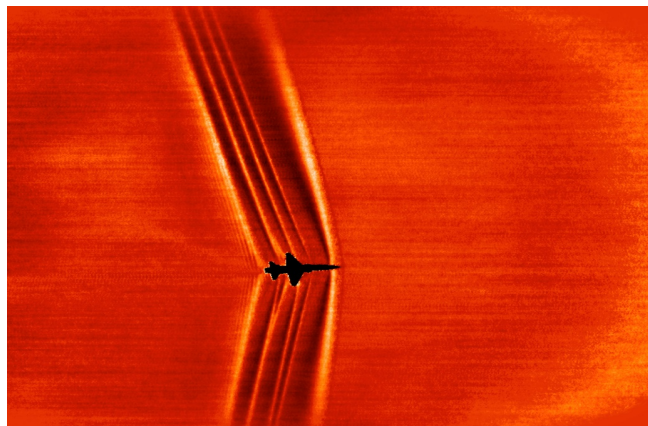


Armstrong Flight Research Center Educator Professional Development Workshop

NASA is With You When You Fly: Supersonics



Sound is something most of us take for granted, and rarely do we consider the physics involved. It can come from many sources – a voice, machinery, musical instruments, computers – but all are transmitted the same way: through vibration. Join NASA's Armstrong Flight Research Center Office of Education for an educator professional development workshop to see the many ways Armstrong is advancing technology and science through supersonic flight. Participants will learn how vibrations from vocal cords react similar to the way shock waves produce a sonic boom. Listen to an AFRC Aerospace Engineer share about recent NASA supersonic aerodynamic research projects. Through hands-on experiments and physical demonstrations, educators will learn ways to share the research within their classroom. Come learn about real world connections with NASA research going on in the Antelope Valley.

Target Audience: K-12 Formal and Informal Educators

When: Wednesday, April 19, 2017, 4:30 pm – 6:00 pm

Location: NASA Armstrong Educator Resource Center at the AERO Institute, 38256 N. Sierra Hwy., Palmdale, CA 93550

Register Online: <http://goo.gl/forms/SlIPY87fPi>

Questions? Call Sondra Geddes 661-276-2359 or email at sondra.l.geddes@nasa.gov

There is no charge for the workshop. Free NASA educational materials will be provided. Seats are limited, and will be filled on a first-come, first-serve basis. All participants must be 18 years old or older.

Education